

Converting Colors

XYZ(14.1030, 11.4646, 56.0642)

Have a look what the booklet for
XYZ(14.1030, 11.4646, 56.0642)
contains.

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Color

**XYZ(14.1316, 11.5083,
56.1201)**

Conversions

Conversions Part 1

Format	Color
Hex	045AC8
RGB	4, 90, 200
RGB Percent	2%, 35%, 78%
CMY	0.9841, 0.6471, 0.2157
CMYK	0.98, 0.55, 0.00, 0.22
HSL	214°, 96%, 40%
HSV	214°, 98%, 78%
XYZ	14.1316, 11.5083, 56.1201
YIQ	76.8260, -86.5660, 15.9780

Conversions

Conversions Part 2

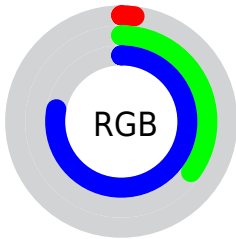
Format	Color
RYB	4, 64, 200
Decimal	285384
CIELab	40.42, 21.68, -63.07
CIELCh	40, 66.694, 288.967
Yxy	11.5083, 0.1728, 0.1408
Android (android.graphics.Color)	4278475464 (0xFF045AC8)
YUV	76.8260, 60.7248, -63.8684
Hunter-Lab	33.9239, 14.9906, -74.3364

Details

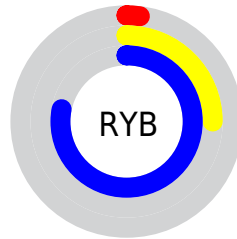
The XYZ color **14.1316, 11.5083, 56.1201** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **29.8644, 24.3336, 3.2390**, and the grayscale version is **6.9271, 7.2878, 7.9364**.

A 20% lighter version of the original color is **32.4282, 28.3379, 98.3683**, and **6.0878, 3.9983, 27.2390** is the 20% darker color. If you saturate the color by 10%, you get **13.8929, 11.1051, 56.0552**, and if you desaturate by 10%, it is **15.4789, 13.7164, 56.4756**.

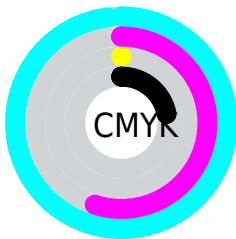
Distribution



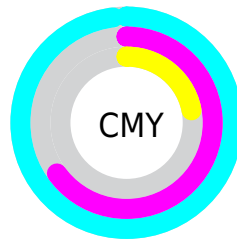
- Red (2%)
- Green (35%)
- Blue (78%)



- Red (2%)
- Yellow (25%)
- Blue (78%)



- Cyan (98%)
- Magenta (55%)
- Yellow (0%)
- Black (22%)



- Cyan (98%)
- Magenta (65%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1316, 11.5083, 56.1201 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 14.1316, 11.5083, 56.1201 by changing the saturation by 10% instead.

■ 14.1316, 11.5083,
56.1201

■ 14.1316, 11.5083,
56.1201

211.5423,
201.1224, 427.5450

■ 8.2946, 6.4098,
39.8946

■ 32.9067, 28.5963,
100.6677

■ 4.3374, 3.0958,
27.1432

■ 46.5754, 41.3547,
129.8269

■ 1.8947, 1.1820,
17.4474

■ 63.5854, 57.4351,
164.1343

■ 0.5738, 0.0469,
10.3887

■ 84.3021, 77.2221,
204.0086

■ 0.0000, 0.0000,
5.5485

■ 109.0908,
101.0998, 249.8683

■ 0.0000, 0.0000,
2.5082

138.3168,

■ 0.0000, 0.0000,

129.4529, 302.1319

0.8445

172.3455,
162.6656, 361.2179

■ 0.0000, 0.0000,
0.0000

■ 14.1316, 11.5083,
56.1201

■ 14.1316, 11.5083,
56.1201

■ 13.8929, 11.1051,
56.0552

■ 15.4789, 13.7164,
56.4756

■ 17.3105, 16.3955,
56.8962

■ 19.7106, 19.5973,
57.3877

■ 22.7370, 23.3596,
57.9544

■ 26.4396, 27.7157,
58.6001

■ 30.8628, 32.6958,
59.3282

■ 36.0471, 38.3274,
60.1420

■ 42.0294, 44.6366,
61.0444

■ 48.8444, 51.6475,
62.0385

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9.3050, 11.5083, 58.6654



14.1316, 11.5083, 56.1201



19.2274, 11.5083, 38.2067

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.1316, 11.5083, 56.1201



17.9733, 11.5083, 1.4106



4.2699, 11.5083, 8.2174

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



14.1316, 11.5083, 56.1201



29.8644, 24.3336, 3.2390

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5.4576, 11.5083, 2.0840



14.1316, 11.5083, 56.1201



12.7523, 11.5083, 0.2961

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14.1316, 11.5083, 56.1201



21.8463, 11.5083, 5.8819



8.2664, 11.5083, 0.4631



4.4443, 11.5083, 22.9124

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14.1316, 11.5083, 56.1201



21.6708, 11.5083, 24.2427



8.2664, 11.5083, 0.4631



4.5055, 11.5083, 5.3703

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



14.1322, 11.5086, 56.1204



61.0348, 64.8839, 103.9147



23.6197, 42.5008, 22.2357



12.2154, 12.9700, 22.1096



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.1322, 11.5086, 56.1204



23.8280, 18.7760, 96.9760



10.6480, 4.3501, 54.9223



10.4331, 11.0402, 13.4986



8.9195, 7.2329, 35.6703



0.4942, 0.4861, 1.7129

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



25.7089, 13.1055, 10.8474



44.1565, 22.4266, 17.2879



41.9625, 52.2909, 7.9977



10.8239, 10.7129, 12.0558



16.3015, 8.2702, 6.7975



0.8081, 0.4061, 0.5128

Previews

White Background



This preview shows how the XYZ color 14.1316, 11.5083, 56.1201 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 14.1316, 11.5083, 56.1201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

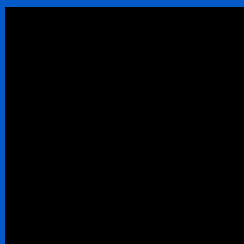
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

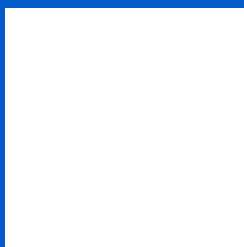
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1316, 11.5083, 56.1201

Background



This preview shows how black text looks on a background with the XYZ color 14.1316, 11.5083, 56.1201.



This preview shows how white text looks on a background with the XYZ color 14.1316, 11.5083,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

14.1316, 11.5083, 56.1201

Protanopia

13.4787, 11.3772, 52.5246

Deuteranopia

11.2497, 11.3394, 38.1550



Tritanopia

8.0787, 11.4779, 17.1189

Trichromacy



Original Color

14.1316, 11.5083, 56.1201

Protanomaly

13.7174, 11.4741, 53.7163

Deuteranomaly

12.1519, 11.2665, 44.1820

Tritanomaly

9.6037, 11.1344, 28.0285

Monochromacy



Original Color

14.1316, 11.5083, 56.1201

Achromatopsia

7.0540, 7.4214, 8.0819

Achromatomaly

7.8455, 8.1178, 19.5657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1316, 11.5083, 56.1201 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(4, 90, 200)` looks like.

```
.text, #text, p{  
    color:rgb(4, 90, 200)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(4, 90, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 90, 200) }
```

Border

The CSS property to change the border of an element to XYZ 14.1316, 11.5083, 56.1201 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(4, 90, 200) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(4, 90, 200) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(4, 90, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 90, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 90, 200);  
box-shadow:4px 4px 4px 4px rgb(4, 90, 200)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.1316, 11.5083, 56.1201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 90, 200) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(4, 90,  
200) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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